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PATENT  
10-1

Attorney Docket No. 54834

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hagenbuch

Serial No.

Group Art Unit: 2304

Filed: August 4, 1993

Examiner: M. Zanelli

For: APPARATUS AND METHOD  
RESPONSIVE TO THE ON-  
BOARD MEASURING OF  
HAULAGE PARAMETERS OF A  
VEHICLE

## PRELIMINARY AMENDMENT

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

Prior to the examination of the above-identified patent  
application, please enter the following amendments.

Please add the following new claims 38-65:

31  
~~38.~~ A system as set forth in claim 1 wherein the third  
set of data includes an indication of a relative time of the  
loading of the material sensed by the first means.

19  
~~39.~~ A system as set forth in claim 1 wherein the body of  
the vehicle is a dump body that pivots between load and dump  
positions and the second set of data is an indication of the  
pivoting of the dump body into a dump position.

20  
~~40.~~ A system as set forth in claim 1 wherein the second  
set of data is an indication of a distance traveled by the  
vehicle during each segment of a haul cycle.